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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

Organizational Maintenance Repair Parts and Special Tool Lists Receiver-Transmitter, Radio RT-859/APX-72 and Mountings MT-3809/APX-72 and MT-3948/APX-72

Headquarters, Department of the Army, Washington, D.C.
1 February 1968

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Section I. INTRODUCTION

1. Scope

This manual contains a list of repair parts required for the performance of organizational maintenance for Receiver-Transmitter, Radio RT-859/APX-72 and Mountings MT-3809/APX-72 and MT-3948/APX-72.

Note. No special tools, test, and support equipment are required.

2. General

The repair parts list is divided into the following sections:

a. Prescribed Load Allowance (PLA), Section II. The PLA is a consolidated listing of repair parts allocated for initial stockage at the organizational maintenance category. This is a mandatory minimum stockage allowance.

b. Repair Parts for Organizational Maintenance, Section III. Repair parts authorized for organizational maintenance are included in this section.

3. Explanation of Columns

An explanation of the columns is given below.

a. Source, Maintenance, and Recoverability Codes, Column 1.

(1) *Source code, column 1a.* The selection status and source for the listed item is noted here. Source code and its explanation is as follows:

Code	*Explanation*
P	Applies to repair parts that are stocked in or supplied from the GSA/DSA, or Army supply system, and authorized for use at indicated maintenance categories.

(2) *Maintenance code, column 1b.* The lowest category of maintenance authorized to install the listed item is noted here.

Code	*Explanation*
O	Organizational maintenance.

(3) *Recoverability code, column 1c.* The information in this column indicates whether unserviceable items should be returned for recovery or salvage. Recoverability code and its explanation is as follows:

Note. When no code is indicated in the recoverability column, the part will be considered expendable.

Code	*Explanation*
R	Applies to repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.

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D 101.11:

b. Federal Stock Number, Column 2. The Federal stock number for the item is indicated in this column.

c. Description, Column 3. The Federal item name, a five-digit manufacturer's code, and a part number are included in this column.

d. Unit of Issue, Column 4. The unit used as a basis of issue (e.g. ea, pr, ft, yd, etc.) is noted in this column.

e. Quantity Incorporated in Unit Pack, Column 5. The actual quantity contained in the unit pack is noted in this column.

f. Quantity Incorporated in Unit, Column 6. The quantity of repair parts in an assembly is given in this column.

g. Maintenance Allowances, Column 7.

(1) The maintenance allowance columns are divided into subcolumns. The total quantity of items authorized for the number of equipments supported is indicated in each subcolumn opposite each item. Items authorized for use as required, but not for initial stockage, are identified with an asterisk in the allowance column.

(2) The quantitative allowance for organizational category of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the appropriate density column to obtain the total quantity of repair parts authorized.

(3) Subsequent changes to organizational allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendations should be forwarded to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AN, Fort Monmouth, N.J. 07703, for exception or revision to the allowance list. Revisions to the range of items authorized will be made by the USA ECOM National Maintenance Point based upon engineering experience, demand data, or TAERS information.

h. Illustrations, Column 8.

(1) *Figure number, column 8.* Not used.

(2) *Item or symbol number, column 8.* This column lists the reference symbols used for identification of the item.

4. Location of Repair Parts

a. When the Federal stock number is unknown follow the procedures given in (1) through (3) below.

(1) Use the table of contents to locate the repair parts list.

(2) If the item or symbol number is available, locate the item by scrutiny of column 8*b* of the repair parts list.

(3) If the item or symbol number are not known, check the description column (col. 3) in the repair parts list to locate the part. The parts in this column are arranged in alphabetical order.

b. When the Federal stock number is known, use the repair part listing to find the repair part.

5. Federal Supply Codes

This paragraph lists the Federal supply code and the associated manufacturer's name.

Code	*Manufacturer*
06845	Bendix Corp., The Radio Division.
75915	Littelfuse, Inc.

6. Index of Publications

Refer to the latest issue of DA Pam 310-4 and DA Pam 310-7 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

7. Reporting of Equipment Manual Improvements

Reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AD, Fort Monmouth, N.J. 07703.

Section II. PRESCRIBED LOAD ALLOWANCE

(1) Federal stock number	(2) Description	(3) 16-day Org. Maint. Allowance 1-5	6-80	81-60	61-100	(4) Qty inc in un pk
5820-988-7895	FUSE: 75915; 273005	*	*	2	2	5

Section III. REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

(1) (a) Source cd	(b) Maint. cd	(c) Rec. code	(2) Federal stock no.	(3) Description	(4) Unit of issue	(5) Qty inc in un pk	(6) Qty inc in unit	(7) 16-day org. maint. allw. 1-5	6-80	81-60	61-100	(8) Illustrations Figure no.	Item or symbol no.
				RECEIVER-TRANSMITTER, RADIO RT-859/APX-72 (This item is nonexpendable.)									
P	O	....	5820-988-7895	FUSE: 75915; 273005.....	ea	5	3	*	*	2	2	....	F1, F2, F3.
P	O	R	5895-063-9498	MOUNT, HARD: MT-3809/APX-72 06845; 40234C3-0501.	ea	1	1	*	*	*	*		
P	O	R	.....	MOUNT, SOFT: MT-3948/APX-72 06845; 4023403-0502.	ea	1	1	*	*	*	*		

By Order of the Secretary of the Army:

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